

Notice of Allowability	Application No.	Applicant(s)	
	10/510,181	MARTENS, FRANCISCUS JOHANNA ARNOLDUS	
	Examiner	Art Unit	
	Steven R. Garland	2125	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the papers filed 10/4/04.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>10/4/04</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Stewart on 12/5/05.

In the claims:

Claim 1, line 1, change "the status" to --a status--.

Claim 1, line 2, change "the action" to --an action--.

Claim 1, line 6, change "the operator" to --an operator--.

Claim 1, line 11, change "the termination" to --termination--.

Claim 1, line 12, change "the default" to --a default--.

Claim 1, line 15, delete "required".

Claim 1, line 24, change "said action" to --said group action--.

Claim 1, line 25, change "the default" to --a default--.

Claim 1, line 28, delete "required".

Claim 3, line 2, change "the" to --a--.

Claim 5, line 3, change "the" to --a--.

Claim 6, line 2, change "the effect" to --an effect--.

Claim 9, line 2, delete "the".

In the specification:

Page 4, after line 29 insert the heading -- Brief Description of the Drawings --.

Page 5, after line 5, insert the heading -- Detailed Description --.

Replace the abstract of the disclosure by the following

--Abstract of the Disclosure

A method to control a process, wherein the status of the process can be altered by a multitude of actions, wherein the action is controlled by basic control units, wherein at least one basic control unit is coordinated by at least one group control unit and wherein this basic control unit has various functions. --.

2. The following is an examiner's statement of reasons for allowance: Yazaki et al. 5,210,821, Krummen et al. 5,450,346, and Tse et al. 6,269,286 are the closest art of record.

In regards to claim 1 and its dependent claims the prior art fails to teach or suggest the use of the claimed combination which comprises the functions of means to receive and transform information from the process and/or output from basic control unit(s) and/or output from group control unit(s) into a permit required to start or to continue to execute said action, (b3) means to receive lockouts from basic control unit(s) and/or from group control unit(s) and/or from the operator and/or from the basic control unit itself to prevent the start or to initiate the termination of said action and force the default status or shut-down sequence of the basic control unit until the received lockout(s) has (have) been removed and also a reset has been activated, (b4) means to

process an internal lockout and/or export an output or lockout, which output/lockout is related to the status of said action and (b5) means to execute said required action according to a logic or sequence according to which the basic control unit operates, and wherein at least one of these group control unit comprises the following functions: (g1) means to receive and priority handle a request for a group control action from an even higher hierarchy control unit or from the operator to be performed by said group control unit, (g2) means to receive and transform information from the process and/or from basic control unit(s) and/or from group control unit(s) into a permit required to start or to continue to execute said group action, (g3) means to receive lockouts from basic control unit(s) and/or from group control unit(s) and/or from the operator and/or from the group control unit itself to prevent the start or to initiate the termination of said action and force the default status or shut-down sequence of the group control unit until the received lockout(s) has (have) been removed and also a reset has been activated, (g4) means to process an internal lockout and/or export an output or lockout, which output/lockout is related to the status of said group action and (g5) means to execute said required group action according to a logic or sequence according to which the group control unit operates.

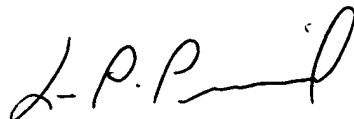
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven R. Garland whose telephone number is 571-272-3741. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo Picard can be reached on 571-272-3749. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



SRG
Steven R Garland
Examiner
Art Unit 2125

12/5/05

LEO PICARD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100